

**DEPARTMENT OF
INFORMATION SCIENCE**

**2001
Faculty Publications
and Presentations**

PUBLICATIONS/PRESENTATIONS

JOURNAL PAPERS

Schneidewind, N.F., "Maintenance Process and Product Evaluation Using Reliability, Risk, and Test Metrics," *Advances in Computers*, Academic Press, Vol. 54, pp. 153-181, 2001.

Schneidewind, N.F., "Knowledge Requirements for Software Quality Measurement," *Journal of Empirical Software Engineering*, Kluwer Academic Publishers, Vol. 6, No. 3, pp. 201-205, September 2001.

CONFERENCE PAPERS

Schneidewind, N.F., "Modelling the Fault Correction Process," *Proceedings of the Twelfth International Symposium on Software Reliability Engineering*, Hong Kong, pp. 185-190, 27-30 November 2001.

Schneidewind, N.F., "Using Excel to Implement Software Reliability Models," *Notes of the Workshop on Software Assessment, Twelfth International Symposium on Software Reliability Engineering*, Hong Kong, 29 pp., 27-30 November 2001.

Schneidewind, N.F., "A Roadmap to Distributed Client-Server Software Reliability Engineering," *Tutorial Notes of Quality Week 2001*, San Francisco, CA, 20 pp., 29 May 2001.

Schneidewind, N.F., "Introduction to Software Reliability with Space Shuttle Example," *Tutorial Notes of the 2001 Reliability and Maintainability Symposium*, IEEE Reliability Society, Philadelphia, PA, 23 January 2001.

Schneidewind, N.F., "SRE of Web Site Construction," *Tutorial Notes of The Twelfth International Symposium on Software Reliability Engineering*, Hong Kong, 41 pp., 27-30 November 2001.

Schneidewind, N.F., "Web Site Maintainability," *Proceedings of the Seventh Workshop on Empirical Studies of Software Maintenance*, Florence, Italy, pp. 29-30, 9 November 2001.

Schneidewind, N.F., "Investigation of the Risk to Software Reliability and Maintainability of Requirements Changes," *Proceedings of the International Conference on Software Maintenance*, Florence, Italy, pp. 127-136, 7-9 November 2001.

Schneidewind, N.F., "Requirements Risk Analysis and the AIAA Recommended Practice for Software Reliability," *Proceedings of the Space 2001 Conference*, American Institute of Aeronautics and Astronautics, Albuquerque, NM, 10 pp., 28 August 2001.

Schneidewind, N.F., "Software Requirements Risk and Reliability," *Proceedings of the Monterey Workshop 2001*, Naval Postgraduate School, Monterey, CA, pp. 275-284, 18-22 June 2001.

Schneidewind, N.F., "Investigation of Logistic Regression as a Discriminant of Software Quality," *Proceedings of the 7th International Software Metrics Symposium*, London, UK, pp. 328-337, 4-6 April 2001.

Schneidewind, N.F., "Data Analysis of Software Requirements Risk," *Proceedings of the 12th European Software Control and Metrics Conference*, London, UK, pp. 443-451, 2-4 April 2001.

Zolla, G., Boex, T., Flanders, P. and Nelson, D., "Distributed Maintenance Error Information, Investigation and Intervention," *World Aviation Conference Proceedings*, Seattle, WA, 2001.

Zolla, G., Flanders, P. and Boex, T., "Web-Based Information Management of Maintenance Errors in Aviation Mishaps," *Fourth International Conference on Electronic Commerce Research Proceedings*, Dallas, TX, 2001.

PUBLICATIONS/PRESENTATIONS

CONFERENCE PRESENTATIONS

Schneidewind, N.F., "Everything You Wanted to Know About SRE But Didn't Know Who to Ask", Twelfth International Symposium on Software Reliability Engineering, IEEE Computer Society Press, Hong Kong, 27-30 November 2001.

Schneidewind, N.F., "SRE of Web Site Construction," the Twelfth International Symposium on Software Reliability Engineering, Hong Kong, 27-30 November 2001.

Schneidewind, N.F., "Investigation of the Risk to Software Reliability and Maintainability of Requirements Changes," International Conference on Software Maintenance, Florence, Italy, 7-9 November 2001.

Schneidewind, N.F., "Web Site Maintainability," Seventh Workshop on Empirical Studies of Software Maintenance, Florence, Italy, 9 November 2001.

Schneidewind, N.F., "Requirements Risk Analysis and the AIAA Recommended Practice for Software Reliability," Space 2001 Conference, American Institute of Aeronautics and Astronautics, Albuquerque, NM, 28 August 2001.

Schneidewind, N.F., "Measuring and Evaluating Maintenance Process Using Reliability, Risk, and Test Metrics," IEEE Computer Society Chapters and Tutorials Program, Greensboro, NC, 19 July 2001.

Schneidewind, N.F., "Investigation of Logistic Regression as a Discriminant of Software Quality," 7th International Software Metrics Symposium, London, UK, 4-6 April 2001.

Schneidewind, N.F., "Data Analysis of Software Requirements Risk," 12th European Software Control and Metrics Conference, London, UK, 2-4 April 2001.

Zolla, G., "Distributed Maintenance Error Information, Investigation and Intervention," World Aviation Conference, Seattle, WA, 11-14 September 2001.

Zolla, G., "Web-Based Information Management of Maintenance Errors in Aviation Mishaps," Fourth International Conference on Electronic Commerce Research, Dallas, TX, 8-11 November 2001.

TECHNICAL REPORTS

Osmundsen, J.S, Schleher, D.C. and Harney, RC., *Identification of Potential Adversary Systems and Technologies to Disrupt US Naval Operations, ANTI-ACCESS SYSTEMS STUDY*, Naval Postgraduate School Technical Report, NPS-JW-01-015, 31 January 2001.